Deciphering osteoarthritis disease using multimodal mass spectrometry methodologies

Propositions for the defence of the thesis

Deciphering osteoarthritis disease using multimodal mass spectrometry methodologies

Maxime Eveque, 26th February 2021

1. OA is becoming more prevalent as the world population ages. This increase leads to challenges for health care and public health systems. - This thesis, valorization

2. A strong collaboration between the scientists and clinicians working on disease is the key for translational research. - This thesis, valorization

3. Deciphering the biomolecular profiles of each OA phenotype will improve the classification models as well as the development, design, and efficacy of OA-phenotype-specific drugs. - This thesis

4. MALDI-MSI has been established as a useful imaging tool in the clinical field, where the number of applications is still increasing. - This thesis

5. Sample preparation is one of the most critical steps in analytical chemistry. - This thesis

6. We cannot solve problems with the same thinking we used to create them. - Albert Einstein

7. Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful. - Albert Schweitzer

8. The scariest moment is always just before you start. After that, things can only get better. - Stephen King, On writing

9. We know what will happen if we give up, but we don't know what will happen if we don't. - Alex Wassabi

10. Eat the Elephant one bite at a time. - Anonymous